

**INTERNATIONAL SEARCH REPORT**

Intern'l	Application No
PCT/EP 03/04718	

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G02B13/20 G02B3/04 F21V5/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G02B F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 36 02 262 A (BOSCH GMBH ROBERT) 14 May 1987 (1987-05-14) column 5, line 20 - line 63; figures 6,9A-9D ---	1,2,4,6, 7
A	DE 40 31 352 A (BOSCH GMBH ROBERT) 9 April 1992 (1992-04-09) column 2, line 56 - line 63 column 3, line 40 - line 57; figure 1 ---	1,2,6-9
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 406 (P-930), 8 September 1989 (1989-09-08) & JP 01 147403 A (OLYMPUS OPTICAL CO LTD), 9 June 1989 (1989-06-09) abstract ---	1,2,4,6, 7

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

31 July 2003

Date of mailing of the international search report

07/08/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 015, no. 325 (M-1148), 19 August 1991 (1991-08-19) & JP 03 122902 A (KOITO MFG CO LTD), 24 May 1991 (1991-05-24) abstract ---	1,4,6,7
A	US 1 370 885 A (FREDERICK CHARLES W ET AL) 8 March 1921 (1921-03-08) page 2, line 10 - line 41 page 2, line 82 - line 89 page 3, line 55 - line 70; figures 2-6,8 ---	1,4,6

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Information on patent family members

Intern. Application No

PCT/EP 03/04718

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
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DE 4031352	A	09-04-1992	DE 4031352 A1		09-04-1992
JP 01147403	A	09-06-1989	NONE		
JP 03122902	A	24-05-1991	JP 8017045 B		21-02-1996
US 1370885	A	08-03-1921	NONE		

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